

**District of Columbia CWSRF
Intended Use Plan
Capitalization Grant Under the American Recovery and Reinvestment Act of 2009**

Introduction

This Intended Use Plan will be the basis for the District of Columbia's applications for capitalization grants for the Clean Water State Revolving Fund program under the American Recovery and Reinvestment Act of 2009.

CWSRF Goals

To provide financial assistance to DC wastewater facility to achieve compliance with federal and local water quality standards.

To obtain maximum capitalization of the DC SRF to facilitate the funding needs of the DC wastewater treatment facility.

To continue exploration of expanded implementation of non-point source projects to enhance the District of Columbia's compliance with pollution control management issues and regulations.

Sources and Uses of Funds

The District of Columbia will apply for a grant in the amount of \$19,239,066. This represents the amount that DC is eligible to receive from the supplemental appropriation of the ARRA. DC is working with the DC Water and Sewer Authority to identify which of its projects will also be ready to proceed for funding using the regular SRF yearly allotment. The Status of Funds listing identifies the sources and uses of the grant.

List of Projects

All projects that will be funded from the ARRA funds will be 100% grant funded. All other eligible CWSRF projects will be funded from the regular yearly allotment of Construction Grant federal funds at the established share percentages. Through meetings with and the review of plans from organizations with projects that appear in the fundable ARRA columns, a final determination of which projects are ready to proceed to construction will be made.

Green Infrastructure

The ARRA requirement that not less than 20% of projects must be used for water or energy efficiency, green infrastructure, or other environmentally innovative activities is met. The attached project list shows that approximately 70% of the total ARRA funding will be dedicated to projects that meet the ARRA green goal. Projects to meet the goal are primarily low impact development type projects.

Solicitation of green infrastructure projects was a component of the notification of availability of the draft April 2009 PPL.

Preference for Expeditious Activities

Priority will be given to projects that will be ready to proceed to actual construction within 12 months of the ARRA enactment. Projects that can be initiated as close to receipt of the capitalization grant will be receive the highest priority for processing.

Avoidance of Reallotment/Relationship to Base Program

The District of Columbia will regularly review data reported on the progress of assistance recipients to identify issues of timeliness. If such issues are identified, DC will work with U.S. EPA and the recipients to resolve the issues. DC assistance agreements will include conditions regarding the requirement of timely progress.

DC understands that the ARRA funds may be deobligated if it fails to meet the requirements of the use of ARRA funds. DC will also provide U.S. EPA with a list of projects that are immediately ready to proceed to construction with any additional ARRA funds that may become available through reallotment.

Loan Terms and Fees

The DC SRF will not provide loans or require fees to assistance recipients of federal funds associated with the ARRA funds. Only 100% grants will be provided.

Public Review and Comment

The certification entitled Fiscal Years 2009/2010 Water Pollution Control Project Priority List provides information on the activities conducted to meet the public review and comment requirements of the CWA. Notifications of availability for comment on the draft FY 2009 PPL packages on the District Department of the Environment's website were mailed directly to 180 interested and affected parties.

The final list will be made available on the DDOE website.

Assurances

The District of Columbia agrees to comply with all Federal program requirements for the use of SRF funds.

FY 2009-2010
DISTRICT OF COLUMBIA
CONSTRUCTION GRANTS (CG) PROJECT PRIORITY LIST (PPL)

STATUS OF FUNDS

A. Available Federal Funds	Dollars
FY 2009 CG Federal Funds (Estimated)	3,374,300
FY 2010 CG Federal Funds (Estimated)	3,374,300
Allotment ARRA (Economic Stimulus Law)	19,433,400
Total Available	\$26,182,000
 B. Projected Expenditure of Regular Allotment Funds (DC's Federal Share)	
1. Reserves	
FY 2009 604(b)	100,000
FY 2010 604(b)	100,000
Total Reserve:	200,000
 2. Blue Plains AWTP Projects:	
For details of Blue Plains wastewater facilities upgrade projects see fundable and planning portions of sheets attached	
Fundable Portion	17,965,050
Planning Portion	190,248,581
Total Projects	\$208,213,631
 3. Projects outside Blue Plains AWTP:	
# For details of projects outside Blue Plains AWTP see fundable and planning portions of sheets attached	
Fundable Portion	54,026,431
Planning Portion	54,316,133
Total Projects	\$108,342,564
 Total Federal Funds Needed:	 \$316,756,195
 C. Distribution of Funds	
1. FY 2009 604(b) Grant	100,000
2. FY 2010 604(b) Grant	100,000
3. ARRA 604(b)	194,334
4. Project Oversight Grants to DDOE/ACOE	1,047,280
 5. Anticipated Projects for Grant Requests FY09-see funding table for ranking	
Nitrification Facility Upgrade Phase 3	9,113,668
Sewer Later Rehab and Main Lining	12,000,000
Sewer Lining and Rehab	12,000,000
Pennsylvania Avenue Storm Rehabilitation	2,929,416
Laboratory Upgrades	1,187,159
Low Area Trunk Sewer - Inspection and Cleaning	1,960,953
Biological Sludge Thickening	7,664,223
Rock Creek CSO Sewer Separation	4,725,000
Sewer Inspection and Cleaning	10,000,000
Outfall Sewer Rehabilitation	18,869,692
 Total FY 2009 Grant Awards	 \$80,450,111

6. Project Oversight ARRA to DDOE/ACOE	777,336
7. Anticipated Projects for ARRA funds -see funding table for ranking	

Green Project Reserve	
River Smart Homes	500,000
Harvest/Reuse Irrigation System	120,000
Green Roofs for Municipal Buildings	1,350,000
W. Daniel/ Shaw Neighborhood Library Green Roof	282,633
Green Roof Subsidy	560,000
Green Roofs for Engine Houses	165,000
Green Roof for Municipal Garage/Plaza	1,400,000
Impervious Surface Reduction Project	1,450,000
Tree Canopy Renovation	2,050,000
Green Alleys Demonstration	973,000
Green Median Renovation Demonstration	750,000
Washington Canal Park	650,000
Pope Branch Regenerative Stormwater Outfalls	475,000
Creation of Local Green Jobs Option 2	500,000
Rock Creek Regenerative Stormwater Outfalls	500,000
Green Tanks for Fire Engines	500,000
Green Toilets for Schools	500,000
Tide Gate Improvements -005,007R,024,and 025	1,150,000
Hickey Run BMP	500,000
Mayfair Mansions/Paradise Manor (Jay St., NE)	
Stormwater Treatment and stream buffer enhancement	600,000
Watts Branch Sewer Rehabilitation Phase 2	4,550,000
Conventional Water Treatment System	
Area Substation No. 6	5,853,240
#Sewer Rehab - 10th-12th, vic. Penn. Ave.	695,000
#Lining 22nd & P (NW/NWBSO)	2,100,000
SPB Conveyor System Upgrades	2,864,790
#Sanitary Sewers under Buildings 1	2,600,000
#Combined Sewers Under Building	6,360,000
Total fundable ARRA funds	\$39,998,663

8. FY 09-10 Balance	\$120,448,774 *
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* FY 09 PPL has been expanded to include projects to use the money from the ARRA allotment and any possible ARRA reallocation funds. Grant funding is 100% for ARRA funds.

**ARRA guidance allows up to 4% of allotment be used for project oversight

The project priority rating system uses a system that numerically score clean water projects based upon their contribution to protecting public health, improving compliance with regulatory standards and maintaining clean water reliability, safety and environment. The ranking system includes a provision allowing for funding of lower ranked projects (i.e. for by passing higher ranked projects) based on exigent circumstances and implementability of the lower ranked projects relative to the higher projects proposed to be by-passed.

DISTRICT OF COLUMBIA CONSTRUCTION GRANTS PROJECT PRIORITY LIST FOR FY 2009-2010

FUNDABLE PORTION

Priority Rank/ Points	Parent Project Number	Project Number	Project Step	Cert Target Date	Project Description	Total Eligible Cost	100% TOTAL EST EPA Cost	41% DC Share Federal	4% PI Share Federal	46% MD Share Federal	8% VA Share Federal	other funding	Funding Status
						\$	\$	\$	\$	\$	\$	\$	
3/59	BR			6/2009	Nitrification Facility Upgrade Phase 3	40,073,291	22,040,310	9,113,668	976,386	10,103,278	1,846,978		A
6/52	EU01			2/2009	#Sewer Lateral Rehab and Main Lining	12,000,000	12,000,000	12,000,000	0				B
1/76	BH02			3/2009	#Rock Creek CSO Separation	10,500,000	5,775,000	4,725,000				1,050,000	B
2/71	XB			2/2009	Biological Sludge Thickening	33,700,000	18,535,000	7,664,223	821,101	8,496,444	1,553,233		A
								0					
7/52	BO04			3/2009	#Pennsylvania Ave Storm Sewer Rehab	2,929,416	2,929,416	2,929,416	0				B
4/57	D201			9/2009	#Outfall Sewer Rehabilitation	45,778,000	25,177,900	10,411,062	1,115,381	11,541,549	2,109,908	0	B
								0	0	0	0		
10/20	CV			7/2009	Laboratory Upgrades	5,220,000	2,871,000	1,187,159	127,185	1,316,066	240,590	0	B
5/53	DR01			5/2009	#Low Area Trunk Sewer - Inspection & Cleaning	1,960,953	1,960,953	1,960,953	0				B
9/52				2/2009	#Sewer Inspection and Cleaning	10,000,000	10,000,000	10,000,000	0				B
8/52				2/2009	#Sewer Rehabilitation and Lining	12,000,000	12,000,000	12,000,000	0				B

TOTAL FEDERAL FUNDS NEEDED
(FUNDABLE PORTION)

174,161,660

0

17,965,050	Projects at Blue Plains AWTP
54,026,431	Projects outside Blue Plains AWTP
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71,991,481	

Projects outside Blue Plains AWTP

#REF!

DISTRICT OF COLUMBIA CONSTRUCTION GRANTS PROJECT PRIORITY LIST FOR FY 2009-2010

ARRA (Stimulus) FUNDABLE PORTION

Priority Rank	Scoring Points	Applicant	Project Name	Total Cost	ARRA	ARRA Green Project	Estimated Start of Construction	Funding Status
1	495	District Dept. of Environment	River Smart Homes	500,000		500,000	6/2009	A
2	453	District Dept. of Environment	Harvest/Reuse Irrigation System	120,000		120,000	6/2009	B
3	443	District Dept. of Environment	Green Roofs for Municipal Buildings	1,350,000		1,350,000	9/2009	
4	433	DC Public Library	W. Daniel/ Shaw Neighborhood Library Green Roof	282,633		282,633	3/2009	B
5	425	District Dept. of Environment	Green Roof Subsidy	560,000		560,000	5/2009	B
6	405	District Dept. of Environment	Green Roofs for Engine Houses	165,000		165,000	5/2009 1/1900	B
7	404	District Dept. of Transportation	Tree Canopy Renovation	2,050,000		2,300,000		B
8	401	District Dept. of Transportation	Impervious Surface Reduction Project	1,450,000		1,450,000	5/2009	B
9	399	District Dept. of Transportation	Green Alleys Demonstration	973,000		973,000		B
10	396	District Dept. of Environment	Green Roof for Municipal Garage/Plaza	1,400,000		1,400,000	1/2010	B
11	304	District Dept. of Transportation	Green Median Renovation Demonstration	750,000		750,000		B
12	359	District Dept. of Environment	Pope Branch Regenerative Stormwater Outfalls	475,000		475,000	6/2009	B
13	358	Casey Trees	Creation of Local Green Jobs Option 2	500,000		500,000	7/2009	
14	357	Canal Park Development Assoc., Inc	Washington Canal Park	650,000		650,000	5/2009	B
15	341	District Dept. of Environment	Rock Creek Regenerative Stormwater Outfalls	500,000		500,000	5/2009	B
16	323	District Dept. of Environment	Green Tanks for Fire Engines	500,000		500,000	2/2009	B
17	321	District Dept. of Environment	Green Toilets for Schools	500,000		500,000	1/2010	
19	301	District Dept. of Environment	Hickey Run BMP	500,000		500,000	8/2009	
20	291	District Dept. of Environment	Mayfair Mansions/Paradise Manor (Jay St., NE)	600,000		600,000	7/2009	

21	259	DC Water and Sewer Authority	Watts Branch Sewer Rehabilitation Phase 2	4,550,000		4,550,000	9/2009	
18	307	DC Water and Sewer Authority	Tide Gate Improvements -005,007R,024,and 025	1,150,000		1,150,000	7/2009	
B	52	DC Water and Sewer Authority	#Sewer Rehab - 10th-12th, vic. Penn. Ave.	695,000	695,000			B
C	40	DC Water and Sewer Authority	#Lining 22nd & P (NW/NWBSO)	2,100,000	2,100,000			B
E	37	DC Water and Sewer Authority	#Sanitary Sewers under Buildings 1	2,600,000	2,600,000			B
A	59	DC Water and Sewer Authority	Area Substation No. 6	14,200,000	5,853,240			B
D	37	DC Water and Sewer Authority	SPB Conveyor System Upgrades	6,950,000	2,864,790			B
F	37	DC Water and Sewer Authority	#Combined Sewers Under Building	6,363,000	6,360,000			B

TOTAL FEDERAL FUNDS NEEDED (\$)
(FUNDABLE PORTION)

52,433,633 0 20,473,030 19,425,633

Projects outside Blue Plains AWWP

0

Planning Portion

Priority Rank	Parent Project Number	Project Number	Project Step	Cert. Target Date	Project Description	Total Eligible Cost	Funding Source								Funding Status
							100%	41%	4%	46%	8%				
							TOTAL EST	DC Share	PI Share	MD Share	V/A Share	I & A			
						EPA Cost	Federal	Federal	Federal	Federal	Federal	Federal			
						Local Cost	Local Cost	Local Cost	Local Cost	Local Cost	Local Cost	Local Cost			
						\$	\$	\$	\$	\$	\$	\$			
5/82		XA		9/2011	New Digestion Facilities	223,360,732	128,348,403	52,905,212	5,852,687	58,834,908	10,755,596		D		
							105,012,330	43,286,082	4,788,562	48,137,652	8,800,033				
							0	0	0	0	0				
4/92		E9		9/2011	Nitrogen Removal Facilities	300,902,762	165,496,519	68,217,665	7,546,641	75,863,604	13,868,608		D		
							135,406,243	55,814,453	6,174,525	62,070,222	11,347,043				
1/96		EG		9/2011	#Blue Plains Tunnel	239,584,197	131,771,308	54,316,133	6,008,772	60,403,968	11,042,436		D		
							107,812,889	44,440,473	4,916,268	49,421,428	9,034,720				
6/71		BI		9/2011	Secondary Aeration System Improvements	19,992,110	10,995,660	4,532,411	501,402	5,040,411	921,436		D		
							8,996,449	3,708,336	410,238	4,123,972	753,902				
3/92		E8		9/2012	Enhanced Clarification Facilities	206,435,118	113,539,315	46,800,906	5,177,393	52,046,422	9,514,595		D		
							92,895,803	38,291,650	4,236,049	42,583,436	7,784,668				
2/92		EE		9/2011	Centrate Treatment Facilities	78,480,821	43,164,451	17,792,387	1,968,299	19,786,585	3,617,181		D		
							35,316,369	14,557,407	1,610,426	16,189,024	2,959,512				
# Projects outside Blue Plains A WTP						1,078,755,740									
TOTAL FEDERAL FUNDS NEEDED (\$)							54,316,133	Projects outside Blue Plains A WTP							
(PLANNING PORTION)							190,248,581	Projects at Blue Plains A WTP							
							244,564,714								

**FY 2009-2010
DISTRICT OF COLUMBIA
CONSTRUCTION GRANTS PROJECT PRIORITY LIST
PROJECT RANKING**

Project Description	Category I		Category II	Category III	Category IV	Category V	Total
	A	B					
<u>Fundable Portion:</u>							
Nitrification Facility Upgrade Phase 3	15	10	0	9	15	10	59
Watts Branch Sewer Rehabilitaion	16	5	15	10	15	10	71
Sewer Rehab, 10th, 12th, Penn. Ave.	5	5	10	7	15	10	52
Pennsylvania Ave. Storm Sewer Rehab	5	5	10	7	15	10	52
Outfall Sewer Rehabilitation	10	5	10	7	15	10	57
Additional Tide Gate Improvements	15	5	15	9	15	10	69
Laboratory Upgrades	0	5	0	0	5	10	20
Low Area Trunk Sewer Inpec. & Cleanin	8	5	15	9	10	6	53
Area Substation No. 6	15	5	15	9	5	10	59
Sewer Inspection and Cleaning	5	5	10	7	15	10	52
Sewer Rehabilitation and Lining	5	5	10	7	15	10	52
Biological Sludge Thickening	15	10	10	11	15	10	71
Rock Creek CSO Separation	15	10	15	11	15	10	76
Sanitary Sewers under Buildings 1	5	5	10	6	5	6	37
Combined Sewers under Buildings	5	5	10	6	5	6	37
SPB Conveyor System Upgrades	5	5	10	6	5	6	37
Lining 22nd and P Sts. (NW/NWBSO)	7	5	10	7	5	6	40

FY 2009 -2010
DISTRICT OF COLUMBIA
CONSTRUCTION GRANTS PROJECT PRIORITY LIST
PROJECT RANKING

Project Description	Category I		Category II	Category III	Category IV	Category V	Total
	A	B					
<u>Planning Portion:</u>							
New Digestion Facilities	16	10	15	16	15	10	82
Nitrogen Removal Facilities	16	10	25	16	15	10	92
Blue Plains Tunnel	20	10	25	16	15	10	96
Secondary Aeration System Improvement	15	10	10	11	15	10	71
Enhanced Clarification Facilities	16	10	25	16	15	10	92
Centrate Treatment Facilities	16	10	25	16	15	10	92